

# Converting Colors

Hex(FF9C3D)

Have a look what the booklet for  
Hex(FF9C3D) contains.

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# **Color**

**Hex(F99C3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9C3D
RGB	255, 156, 61
RGB Percent	100%, 61%, 24%
CMY	0.0000, 0.3882, 0.7608
CMYK	0.00, 0.39, 0.76, 0.00
HSL	29°, 100%, 62%
HSV	29°, 76%, 100%
XYZ	53.9708, 45.3739, 10.3283
YIQ	174.7710, 89.4990, -8.5570

# Conversions

## Conversions Part 2

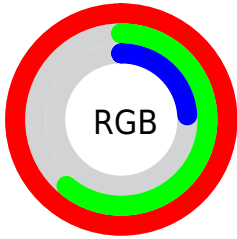
Format	Color
R <sub>Y</sub> B	255, 247, 61
Decimal	16751677
CIE Lab	73.14, 29.83, 62.47
CIE LCh	73, 69.228, 64.477
Yxy	45.3739, 0.4921, 0.4137
Android (android.graphics.Color)	4294941757 (0xFFFF9C3D)
YUV	174.7710, -56.0891, 70.3608
Hunter-Lab	67.3601, 25.1389, 38.0611

# Details

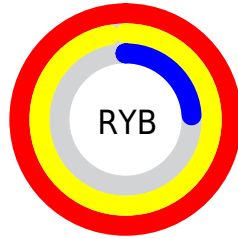
The Hex color **FF9C3D** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3DA0FF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD372**, and **C16800** is the 20% darker color. If you saturate the color by 10%, you get **FF8F23**, and if you desaturate by 10%, it is **FFA957**.

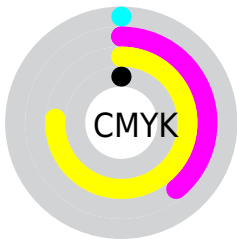
# Distribution



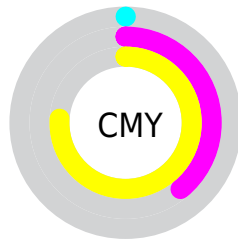
- Red (100%)
- Green (61%)
- Blue (24%)



- Red (100%)
- Yellow (97%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9C3D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FF9C3D by changing the saturation by 10% instead.



 FF9C3D

 FF9C3D

FFFFFF

 E08221

 FFD372

 C16800

 FFEF8D

 A24F00

 FFFFA9

 843700

 FFFFC5

 662000

 FFFFE1

 4A0700

 300000

 010000

 000000

 FF9C3D

 FF9C3D

 FF8F23

 FFA957

 FF820A

 FFB670

 FF7D00

 FFC38A

 FFD0A3

 FFDDBD

 FFEAD6

 FFF7F0

FFFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF836F



FF9C3D



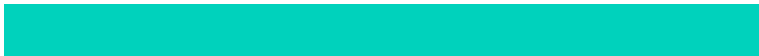
CCB424

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF9C3D



00D2BC



C29FFF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FF9C3D



3DA0FF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1AB8FF



FF9C3D



00D0FA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FF9C3D



00CE7A



00C8FF



FF84EB

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9C3D



A2C034



00C8FF



9FA8FF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FF9C3D



FFE1C4



FF3DA1



806D5C



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FF9C3D



FF8917



FFFC3D



807973



BF5E00



401F00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3DA0FF



178DFF



3D40FF



737980



0062BF



002140



# Previews

## White Background



This preview shows how the Hex color FF9C3D looks on a white background.

## Color Contrast Check

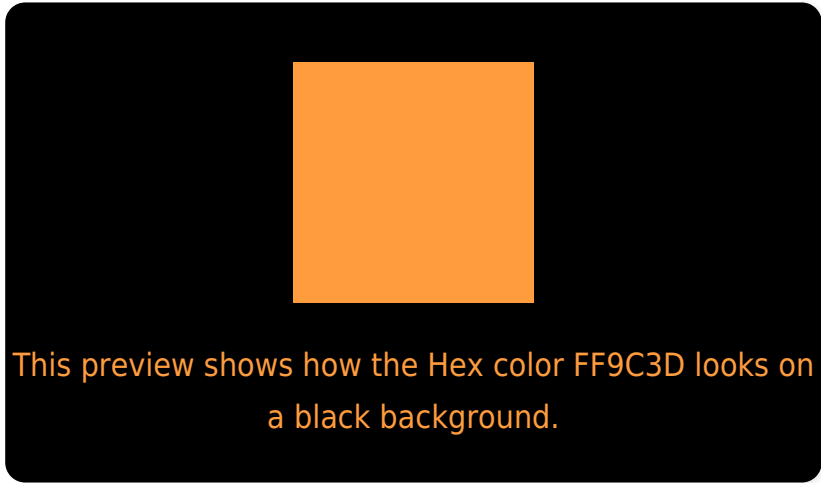
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FF9C3D Background



This preview shows how black text looks on a background with the Hex color FF9C3D.



This preview shows how white text looks on a background with the Hex color FF9C3D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
FF9C3D

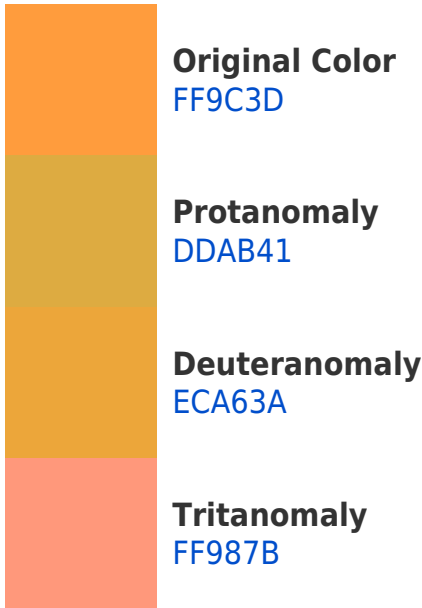
**Protanopia**  
C9B444

**Deuteranopia**  
E1AB38

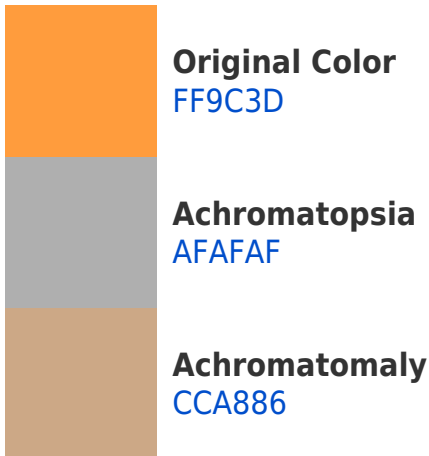


**Tritanopia**  
FF959F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9C3D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF9C3D looks like.

```
.text, #text, p{  
    color:#FF9C3D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF9C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9C3D
}
```

## Border

The CSS property to change the border of an element to Hex FF9C3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF9C3D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF9C3D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF9C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9C3D; -webkit-box-shadow:4px 4px  
4px 4px #FF9C3D; box-shadow:4px 4px 4px  
4px #FF9C3D }
```

# Background

The CSS property to change the background color of an element to Hex FF9C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9C3D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF9C3D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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